

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1 | 513 | (enlarg\$6 or scal\$4 or zoom\$4 or magnify\$6)same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(edg\$4 or contour\$4)same(interpolat\$6) | US-PGPUB; USPAT | OR | ON | 2007/06/05 17:58 |
| L2 | 5019 | (enlarg\$6 or scal\$4 or zoom\$4 or magnify\$6)same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(interpolat\$6) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:01 |
| L3 | 1388 | 2 same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:02 |
| L4 | 239 | 3 same(resolution\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:02 |
| L5 | 105 | 4 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:02 |
| L6 | 17 | 5 same(edg\$3 or contour\$3) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:03 |
| L7 | 1564 | (enlarg\$6 or scal\$4 or zoom\$4 or magnify\$6)same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(interpolat\$6 near10 imag\$3) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:18 |
| L8 | 427 | 7 same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:18 |
| L9 | 100 | 8 same(resolution\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:02 |
| L10 | 38 | 9 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:16 |
| L11 | 3 | 10 same(edg\$3 or contour\$3) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:03 |
| L12 | 1 | "6339483".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:04 |
| L13 | 1 | "5767989".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:04 |
| L14 | 1 | "5394205".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:04 |
| L15 | 1 | "6147709".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:05 |
| L16 | 1 | "6005611".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:05 |

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|-----|-----|--|--------------------|----|----|------------------|
| L17 | 1 | "6067112".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:05 |
| L18 | 1 | "5764235".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:06 |
| L19 | 1 | "5745255".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:07 |
| L20 | 1 | "5739924".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:07 |
| L21 | 438 | (interpolat\$6 near10 imag\$4)same(resolution\$3)same(edg\$ 3 or contour\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:17 |
| L22 | 100 | 21 same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:18 |
| L23 | 23 | 22 same(enlarg\$6 or scal\$4 or zoom\$4 or magnify\$6) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:18 |
| L24 | 26 | 22 same(enlarg\$6 or scal\$4 or zoom\$4 or magnif\$6) | US-PGPUB; USPAT | OR | ON | 2007/06/05 18:19 |
| L25 | 1 | "5067019".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:23 |
| L26 | 1 | "5991464".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:27 |
| L27 | 1 | "6714688".PN. | USPAT; USOCR | OR | ON | 2007/06/05 18:30 |
| L28 | 1 | "6157749".PN. | USPAT; USOCR | OR | ON | 2007/06/05 19:11 |
| L29 | 1 | "5889894".PN. | USPAT; USOCR | OR | ON | 2007/06/05 19:11 |
| L30 | 1 | "5774601".PN. | USPAT; USOCR | OR | ON | 2007/06/05 19:11 |
| L31 | 1 | "5294998".PN. | USPAT; USOCR | OR | ON | 2007/06/05 19:12 |

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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Disparity estimation with edge-based matching and interpolation**
Wei Wei; King Ngi Ngan;
Intelligent Signal Processing and Communication Systems, 2005. ISPACS 2005. Proceedings of 2005 International Symposium on
13-16 Dec. 2005 Page(s):153 - 156
IEEE CNF
2. **A hierarchical stereo matching algorithm using wavelet representation based on edge and area information**
Gi-Mun Um; Chul-Soo Ye; Kwae-Hi Lee;
Geoscience and Remote Sensing, 1997. IGARSS '97. 'Remote Sensing - A Scientific Vision for Sustainable Development', 1997 IEEE International
Volume 1, 3-8 Aug. 1997 Page(s):588 - 590 vol.1
IEEE CNF
3. **Surfaces from stereo: integrating feature matching, disparity estimation, and contour detection**
Hoff, W.; Ahuja, N.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 11, Issue 2, Feb. 1989 Page(s):121 - 136
IEEE JNL
4. **High definition color interpolation scheme for progressive scan CCD image sensor**
Bong Soo Hur; Moon Gi Kang;
Consumer Electronics, IEEE Transactions on
Volume 47, Issue 1, Feb. 2001 Page(s):179 - 186
IEEE JNL
5. **Modified edge-oriented spatial interpolation for consecutive blocks error concealment**
Jianle Chen; Jilin Liu; Xingguo Wang; Guobin Chen;
Image Processing, 2005. ICIP 2005. IEEE International Conference on
Volume 3, 11-14 Sept. 2005 Page(s):III - 904-7
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6. **A content adaptive de-interlacing algorithm [video signal processing applications]**
Tak-Song Chong; Au, O.C.; Wing-San Chau; Tai-Wai Chan;
Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium on
23-26 May 2005 Page(s):4923 - 4926 Vol. 5
IEEE CNF
7. **Reconstruction of surfaces from contour data based on recursive medial axis of morphology-difference image and marching contour algorithm**
Guoyan Zheng; Shuxiang Li; Jingdong Yan;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th Annual International Conference of the IEEE
Volume 2, 29 Oct.-1 Nov. 1998 Page(s):594 - 597 vol.2
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8. **Multimodality image registration techniques in medicine**
Moshfeghi, M.;

Engineering in Medicine and Biology Society, 1989. Images of the Twenty-First Century. Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 9-12 Nov. 1989 Page(s):2007 - 2008 vol.6

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9. An edge-oriented spatial interpolation for consecutive block error concealment

Shih-Chang Hsia;

Signal Processing Letters, IEEE

Volume 11, Issue 6, June 2004 Page(s):577 - 580

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10. A Registration Approach to Coastline Satellite Image

Xiaodong Cai; Peijian Ye; Jinping Li;

Intelligent Control and Automation, 2006. WCICA 2006. The Sixth World Congress on

Volume 2, 21-23 June 2006 Page(s):10148 - 10152

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11. Demosaicing with improved edge direction detection

Xiaomeng Wang; Weisi Lin; Ping Xue;

Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium on

23-26 May 2005 Page(s):2048 - 2051 Vol. 3

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12. An efficient demosaicing approach with a global control of correction steps

Plataniotis, K.N.; Lukac, R.;

Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on

Volume 3, 17-21 May 2004 Page(s):iii - 469-72 vol.3

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13. Biasing algorithm for smoothing of sea-surface temperature data prior to minimum curvature bicubic spline gridding

Kohsmann, J.J.;

OCEANS '96. MTS/IEEE. 'Prospects for the 21st Century': Conference Proceedings

Volume 1, 23-26 Sept. 1996 Page(s):196 - 202 vol.1

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14. Contour model guided image warping for image interpolation

Wen-Shiang Vincent Shih; Wei-Chung Lin; Chin-Tu Chen;

Pattern Recognition, 1996., Proceedings of the 13th International Conference on

Volume 3, 25-29 Aug. 1996 Page(s):396 - 400 vol.3

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15. Smoothing algorithm for 3-D surface rendering from stereo images

Dudgeon, J.E.; Lakshminarayanan, V.;

System Theory, 1993. Proceedings SSST '93., Twenty-Fifth Southeastern Symposium on

7-9 March 1993 Page(s):524 - 528

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16. Cost-effective color filter array demosaicing using spatial correlation

Wonjae Lee; Seongjoo Lee; Jaeseok Kim;

Consumer Electronics, IEEE Transactions on

Volume 52, Issue 2, May 2006 Page(s):547 - 554

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17. Phase-coupled two-dimensional speckle tracking algorithm

Ebbini, E.S.;

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on

Volume 53, Issue 5, May 2006 Page(s):972 - 990

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18. Edge preservative VQ based on the projection of images

Hee Bok Park; Bo Seok Seo; Dong Wook Kang; Choong Woong Lee;
Consumer Electronics, IEEE Transactions on
Volume 38, Issue 3, Aug 1992 Page(s):460 - 464

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19. Noise insensitive high resolution demosaicing algorithm considering cross-channel correlation

Chang Won Kim; Moon Gi Kang;
Image Processing, 2005. ICIP 2005. IEEE International Conference on
Volume 3, 11-14 Sept. 2005 Page(s):III - 1100-3

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20. An edge direction based neural network interpolator for video deinterlacing

Xianglin Wang; Yeong Taeg Kim;
Neural Networks and Signal Processing, 2003. Proceedings of the 2003 International Conference on
Volume 2, 14-17 Dec. 2003 Page(s):1225 - 1228 Vol.2

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21. Segmentation and visualization of left ventricle in MR cardiac images

Il-hong Shin; Min-Jeong Kwon; Sung-Taek Chung; Hyun Wook Park;
Image Processing, 2002. Proceedings. 2002 International Conference on
Volume 2, 22-25 Sept. 2002 Page(s):II-89 - II-92 vol.2

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22. Error recovery in JPEG2000 image transmission

Atzori, L.; Corona, S.; Giusto, D.D.;
Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference
Volume 3, 7-11 May 2001 Page(s):1733 - 1736 vol.3

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23. Non-parametric and non-rigid registration method applied to myocardial gated SPECT

Debreuve, E.; Barlaud, M.; Laurette, I.; Aubert, G.; Darcourt, J.;
Nuclear Science Symposium Conference Record, 2000 IEEE
Volume 3, 15-20 Oct. 2000 Page(s):18/26 - 18/30 vol.3

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24. View synthesis by trinocular edge matching and transfer

Pollard, S.; Piliu, M.; Hayes, S.; Lorusso, A.;
Applications of Computer Vision, 1998. WACV '98. Proceedings., Fourth IEEE Workshop on
19-21 Oct. 1998 Page(s):168 - 173

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25. Error concealment with directional filtering for block transform coding

Huifang Sun; Kwok, W.;
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Program Conference Record, IEEE in Houston. GLOBECOM '93., IEEE
29 Nov.-2 Dec. 1993 Page(s):1304 - 1308 vol.2

IEEE CNF

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